Return the sum of products of each number in the given array and the number of times it occurs there.

**Example:**

For A = [ 2 , 2 , 2 , 4 , 4 , 5] the output should be2 \* 3 + 4 \* 2 + 5 \* 1 = 19

* **[input] array.integer A**
  + 1 ≤ |A| ≤ 105, 1 ≤ A[i] ≤ 9.
* **[output] integer**

<https://codefights.com/challenge/GHgSqfwMZr3mJ6QiN>

int sumOccur(std::vector<int> A) {

std::map<int, int> m;

for(int i = 0; i < A.size(); i++) {

m[A[i]] ++;

}

int sum = 0;

for(auto it: m){

sum += it.first \* it.second;

}

return sum;

}